

AMENDMENTS TO THE CLAIMS

1-15. (Cancelled)

16. (Currently amended) A method for measuring a processing ability of a certain cell, said method comprising characterized by introducing:

a DNA encoding a monitor protein that comprises:

a secretory *Cypridina noctiluca* luciferase;

a processing cleavage region composed of a sequence of 10 to 40 amino acids including a cleavage point Lys-Arg cleaved by a processing enzyme PC1 or PC2, and

a yellow fluorescent protein (YFP)

~~any of the monitor protein according to any of claims 1 to 12, the DNA according to claim 13 to 14 and the expression vector according to claim 15~~ into the cell, and quantitatively evaluating a change in energy transfer property of the monitor protein.

17. (Original) The method according to claim 16 wherein said cell is a cell derived from human.

18-21. (Cancelled)

22. (New) The method according to claim 16 wherein the monitor protein is a secretory protein.

23. (New) The method according to claim 16 wherein the processing cleavage region is located between the luminescent protein and the fluorescent protein which constitute the property variable region.

24. (New) The method according to claim 16 wherein the processing cleavage region is SEQKQLQKRFGGFTGG (SEQ ID NO: 3).

25. (New) The method according to claim 16 wherein the DNA encoding the monitor protein is represented by a base sequence in SEQ ID NO: 1.

26. (New) The method according to claim 16 wherein the DNA is introduced as part of an expression vector.